Interview Summary	Application No. 9/534262	Applicant(s)	
	Examiner Peter Vo	Art Unit 3729	

All participants (applicant, applicant's representative, PTO personnel):

(1) *Peter Vo*.

(2) *Joseph Gorski*.

(3) *Takashi Ishihara*.

(4) *Kenji Tamata*.

Date of Interview: *21 October 2003*.

Type: a)☐ Telephonic b)☐ Video Conference
c)☒ Personal [copy given to: 1)☒ applicant 2)☒ applicant's representative]

Exhibit shown or demonstration conducted: d)☒ Yes e)☐ No.
If Yes, brief description: _____.

Claim(s) discussed: of record

Identification of prior art discussed: of record

Agreement with respect to the claims f)☐ was reached. g)☐ was not reached. h)☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: _____.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Discussed the proposed Amendment. It appears that the amendment overcome the 112 (1st) rejection. Also 5740604 is commonly owned at the time of filing of the instant application (after 11/29/99). Suggestions made to clearly define the first and second directions of the mounting heads.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

15. A component mounting apparatus comprising:

a pair of component supply tables for accommodating a first plurality of components, said component supply tables being arranged adjacent to and on [opposite]both sides of a board [mounting position]transfer path, respectively,

each of said component supply tables being supported on casters so as to be movable between support frames toward and away from the respective side of [the]a board mounting position [and replaceable by being removed from the respective side of the board mounting position so that a new component supply table for accommodating a second plurality of components can be positioned in place of the removed component supply table]; and

a first mounting head section for successively picking up components at one of the component supply tables, thereafter moving to a board positioned at the board mounting position, and [thereafter] successively mounting the picked-up components onto the board while moving in first and second directions which are perpendicular to each other,

wherein the first direction is perpendicular to [a]the board transfer [direction]path [in which the board is transferred], and the second direction is located along the board transfer [direction]path; and

a second mounting head section for successively picking up components at the other of the component supply tables, thereafter moving to the board positioned at the board mounting position, and [thereafter] successively mounting the picked-up components onto the board while moving in third and fourth directions which are perpendicular to each other,

wherein the third direction is parallel to the first direction, and the fourth direction is parallel to the second direction but is not necessarily the same as the second direction[,].

[wherein each of the first and second mounting head sections is independently moveable between one of the component supply tables and the board.]

18. A component mounting apparatus comprising:

a base structure;

a pair of inverted U-shaped support frames positioned on said base structure in a parallel relationship and on opposite sides of a board mounting position, wherein a board transfer path extends through openings in said U-shaped support frames;

a first component supply table supported on a plurality of casters and removably secured between said support frames on a first side of the board transfer path,

a second component supply table supported on a plurality of castes and removably secured between said support frames on a second side of the board transfer path, wherein each of said first and second component supply tables accommodates a plurality of components,

wherein each of said component supply tables can be moved in a perpendicular direction toward and away from the board transfer path;

a first mounting head section for successively picking up a plurality of components at the first component supply table, thereafter moving to a board positioned at the board mounting position, and [thereafter] successively mounting the plurality of picked-up components onto the board while moving in first and second perpendicular directions, wherein the first direction is perpendicular to the board transfer [direction]path, and the second direction is located along the board transfer path,

a second mounting head section for successively picking up a plurality of components at the second of the component supply table, thereafter moving to the board positioned at the board mounting position, and [thereafter] successively mounting the plurality of picked-up components onto the board while moving in third and fourth directions which are perpendicular to each other, wherein the third direction is parallel to the first direction, and the fourth direction is parallel to the second direction but is not necessarily the same as the second direction,

wherein the first and second mounting head sections are independently moveable between the board and the first and second component supply tables, respectively.

23. A component mounting apparatus comprising:

a base structure;

a pair of inverted U-shaped support frames positioned on said base structure in a parallel relationship and on opposite sides of a board mounting position, wherein a board transfer path extends through openings in said U-shaped support frames;

a first component supply table supported on a plurality of casters, said first component supply table being removably secured between said support frames on a first side of the board transfer path,

a second component supply table supported on a plurality of casters, said second component supply table being removably secured between said support frames on a second side of the board transfer path, wherein each of said first and second component supply tables accommodates a plurality of components,

wherein each of said component supply tables can be moved in a perpendicular direction toward and away from the board transfer path;

a first mounting head section for successively picking up a plurality of components at said first component supply table, thereafter moving to a board positioned at the board mounting position, and [thereafter] successively mounting the plurality of picked-up components onto the board; and

a second mounting head section for successively picking up a plurality of components at the second of the component supply table, thereafter moving to the board positioned at the board mounting position, and [thereafter] successively mounting the plurality of picked-up components onto the board,

wherein each of the first and second mounting head sections is capable of moving in first and second directions which are perpendicular to each other, the first direction is perpendicular to the board transfer path, and the second direction is located along the board transfer path,